

## **INSTRUCTION MANUAL**

### **9" TV & DVD Multi-media Boombox with HD-Input**

**MODEL: EDL-2901 (TD186B)**



**IMPORTANT:** Please read before using and keep for future reference.

## IMPORTANT NOTES

### INTRODUCTION

- Thank you for buying this product.
- Please read through these operating instructions, so you will know how to operate your equipment properly. After you finished reading the instructions manual, put it in a safe place for future reference.

### CAUTION

Use of controls or adjustment or performance of procedures other than those specified herein may result in hazardous radiation exposure.

### DANGER

CLASS 1 LASER PRODUCT  
LUOKAN 1 LASERLAITE  
KLASS 1 LASERAPPARAT

This Compact disc player is classified as a Class 1 LASER PRODUCT.

THE CLASS 1 LASER PRODUCT label is located on the rear exterior.

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications.

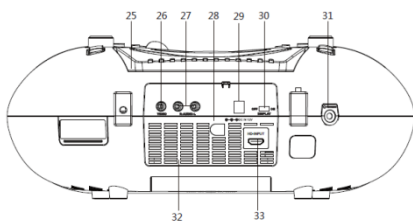
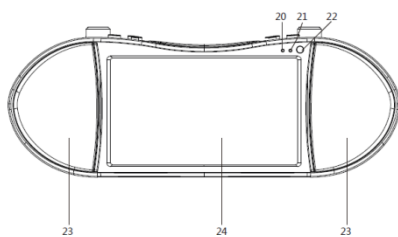
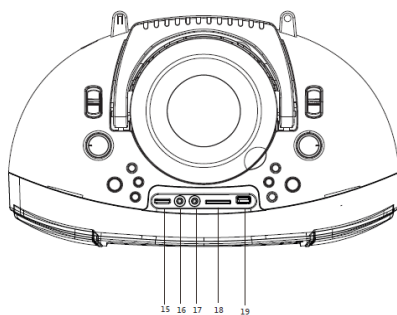
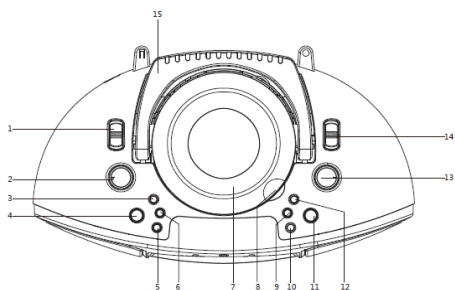
- Avoid installing the unit in locations described below:
  1. Places exposed to direct sunlight or close to heat radiating appliances such as electric heaters, or other equipments that radiate too much heat.
  2. Places subjected to constant vibration.
  3. Unventilated or dusty places.
  4. Humid or moist places.
- Operate buttons and switches as instructed in the manual.
- Before turning on the power for the first time, make sure that the power cord is properly installed and the voltage switch is correctly set.
- Store your CD or other devices in a cool area to avoid damage from heat.

**CAUTION:** TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). DO NOT OPEN THE UNIT. ANY SERVICING PLEASE REFER TO QUALIFIED SERVICE PERSONNEL.

### WARNING:

- Remove batteries if exhausted or if they will not be used for a long period.
- The incorrect use of batteries can cause electrolyte leakage and will corrode the compartment or cause the batteries to burst. Therefore:
- Do not mix battery types, e.g. alkaline with zinc carbonate.
- When inserting new batteries, replace all batteries at the same time.

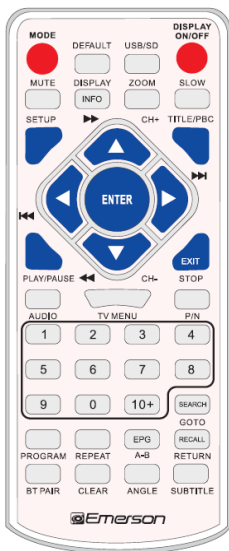
## LOCATION OF CONTROLS



## NAMES OF CONTROLS

1. POWER/FUNCTION SWITCH
2. VOLUME DIAL
3. BASS BOOST
4. MODE/TV/MENU
5. PREV/LEFT
6. NEXT/RIGHT
7. DISC DOOR
8. OPEN DISC DOOR
9. REV/DOWN
10. STOP/USB/CARD
11. PLAY/PAUSE/ENTER/PAIR
12. FWD/UP
13. TUNING DIAL
14. BAND SWITCH
15. MIC LEVEL DIAL
16. AUX IN JACK
17. MIC JACK
18. MEMORY CARD SLOT
19. USB PORT
20. POWER INDICATOR
21. FM ST/PAIR INDICATOR
22. REMOTE SENCOR
23. SPEAKERS
24. LCD SCREEN
25. TELESCOPIC ANTENNA
26. COMPOSITE VIDEO OUT
27. STEREO AUDIO OUT
28. TV ANT INPUT
29. DC POWER IN
30. DISPLAY SWITCH
31. HEADPHONE OUT
32. VENTS
33. HDMI INPUT

## REMOTE COTROL



MODE	When the FUNCTION switch is set to TV/DVD/BT/AUX/HD-IN, press MODE to change the active function mode between DVD, BLUETOOTH, AUX, and HD-INPUT.
DEFAULT	Reset options.
USB/SD	While the FUNCTION switch is set to TV/DVD/BT/AUX/HD-IN, press and hold to change the active function mode between DVD/BT, USB, and CARD (SD).
DISPLAY ON/OFF	Turn the LCD screen on or off. Make sure that the display switch on the back of the unit is set to ON.
MUTE	Disable or restore sound.
DISPLAY/INFO	View program and TV information on the LCD screen.
ZOOM	Change the zoom options.
SLOW	Slow motion playback.
SETUP	Access the system menu screen.
TITLE/PBC	Go to the DVD/SVCD title screen.
PLAY/PAUSE	Start, pause, or resume playback.
STOP	Stop playback.
UP/FWD/CH+	Browse up in a menu or scan forward quickly through a track. Tune to the next channel in the channel list when watching TV.
DOWN/REV/CH-	Browse down in a menu or scan backward quickly through a track. Tune to the previous channel in the channel list when watching TV.
LEFT/PREV	Browse left in a menu or skip to the previous track.
RIGHT/NEXT	Browse right in a menu or skip to the next track.
ENTER	Select an item in a menu.
AUDIO	Change the audio options.
TV MENU	Go to the TV menu.
P/N	Change between PAL, NTSC, and AUTO video modes.
NUMERIC KEYPAD (0-9, +10)	Use the keypad to enter a number value as necessary. Press +10 to skip forward 10 tracks.
GOTO/SEARCH	Go to a specific time point in a track. Search TV programs.
PROGRAM	Enter program mode to create a custom playlist.
REPEAT	Toggle the repeat playback mode.
A-B/EPG	Set Repeat A-B to loop a portion of a track. Show the TV program list.
RETURN/RECALL	Go back/go back to the previous TV program.
BT PAIR	Connect Bluetooth device.
CLEAR	Cancel.
ANGLE	Change the camera view extra angles are available.
SUBTITLE	Change the subtitle options.

## Using the remote control

Aim the IR emitter of the remote control at the remote sensor and then press a key. The remote control will work within 15 feet of the remote sensor and at an angles less than 30 degrees.

## Installing or replacing the batteries

The remote control requires 2 x "AAA" batteries to function. Alkaline batteries are recommended.

1. Find the battery compartment door the back of the remote control. Press on the tab to release the door.
2. Load 2 new "AAA" size batteries into the battery compartment. Make sure to match the "+" and "-" poles of the batteries with the markings found inside the compartment.
3. Replace the battery compartment door.

## **POWER SOURCE**

### **DC input operation**

Plug the tail of supplied adaptor into DC IN Jack on the unit and the plug into household AC outlet. The batteries will be automatically disconnected.

### **DC operation**

Open the BATTERY COMPARTMENT DOOR. Install 8pcs C size batteries (not included) into compartment. Please follow correct polarities as indicated.

#### **CAUTION**

Remove batteries if they are flat or not being used for a long period of time.  
Batteries contain chemical substances, so they should be disposed of properly.

### **Using the DC Car adaptor**

Use the included DC car adapter to connect the player to DC power socket found on cars, campers, boats, and more.

Connect the large end of the DC car adaptor to a standard DC car power socket.

Connect the barrel plug end of the adaptor to DC IN Jack of the unit.

## **BASIC FUNCTIONS**

### **Turning the unit ON/OFF**

To turn the unit on, set the POWER/FUNCTION switch to any position other than OFF. The Power indicator will light red.

### **Adjusting volume**

Turn the Volume dial clockwise to increase the volume.

Turn it counter-clockwise to decrease the volume.

Press the MUTE key on the remote to disable sound output completely.

Press the MUTE key again to restore sound output.

### **Turning the screen on and off**

You can turn the LCD screen off to conserve power.

Press the Display ON/OFF key to turn the screen off. Press it again to turn it back on.

Note: You may want to turn the LCD screen off when listening to music or whenever you are not watching video.

The LCD screen consumes a lot of power. You can prolong the lifetime of your batteries if you avoid using the LCD screen.

### **Using the number keypad**

Use the number keypad on the remote to input a value when prompted on a menu or option screen.

For instance, to go to track 15:

1. Press the "1" key.
2. Press the "5" key.
3. Press the ENTER key.

## DVD mode

To set the active source mode to DVD, set the Function switch to TV/DVD/BT/AUX-IN/HD-IN.

### Playing a DVD

Load a DVD disc in the disc compartment. The player will automatically attempt to read the disc.

- Press PLAY/PAUSE/ENTER/PAIR to start, pause, or resume playback.
- Press STOP/USB/CARD to stop playback.
- Press TV MENU on the remote to show the root menu screen of the DVD.
- Press the TITLE key on the remote to select a title to play. (This function will only work with DVDs that have been mastered with titles or chapters.)

During playback:

PREV/LEFT	Press to return to the beginning of the chapter. Continue pressing to skip to the previous chapter or until you have reached the beginning of the disc.
NEXT/RIGHT	Press to skip to the next chapter.
FWD/UP (FORWARD)	Press to change the rate of forward playback (2X, 4X, 8X, 20X). Press PLAY/PAUSE/ENTER/PAIR to resume playback at normal speed (1X).
REV/DOWN (REVERSE)	Press to change the rate of reverse playback (2X, 4X, 8X, 20X). Press PLAY/PAUSE/ENTER/PAIR to resume playback at normal speed (1X).
STOP	Press to stop playback. The player will remember the point where you stopped the disc and resume playback from there. Press again while playback is stopped to clear the saved time point from memory.
REPEAT	Using the remote, press to repeat the current chapter/track, title, or to repeat the entire disc.

## Program mode

Use program mode to create a custom playlist of up to 16 titles, chapters, or tracks.

Press PROGRAM on the remote to display the program menu. (Press PROGRAM again to cancel and exit Program mode.)

### Programming DVD tracks

Use the arrow keys of the remote to change Program slots.

Use the number keypad of remote to enter a title/track/chapter number in each of the Program slots.

### Programming CD and MP3 tracks

Use the arrow keys of the remote to select the desired program track, then press ENTER key to add it to the program list.

To start Program playback, use the arrow keys to highlight PLAY and then press the ENTER key.

To stop Program playback, press the STOP key. To clear the program list, press the STOP key again while play is stopped.

### Playing digital music/video files

This unit will play discs that contain digital media files instead of DVD video. Refer to the specifications section to learn more about media file compatibility.

When a disc is loaded that contains files, the unit will read the disc and then list all of the files and folders on the LCD screen.



Use the direction buttons to browse the file/folder list; press PLAY/PAUSE/ENTER/PAIR to select an item from the list.

if the item selected was a folder, the unit will display the contents of the folder.

if the item selected was a photo file, the unit will display the photo (and continue displaying any other photos as slideshow)

**Note:** The unit will return to the file list when the slideshow ends.

During playback:

PREV/LEFT	Press to skip to the previous photo.
NEXT/RIGHT	Press to skip to the next photo.
FWD/UP	Press to rotate the photo clockwise.
REV/DOWN	Press to rotate the photo counterclockwise.
STOP	Press to stop the slideshow and see a thumbnail index. Use the direction keys to select a thumbnail to view it, or choose one of the menu items at the bottom of the screen. Slide show: return to viewing the slideshow. Menu: View photo controls. Previous: Display the previous page of thumbnails. Next: Display the next page of thumbnails.
TV MENU	Using the remote, press to stop the slideshow and see a list of files and folders.
Numeric Keypad(0-9,+10)	Using the remote, enter a track number and then press ENTER to skip directly to it.
ZOOM	Using the remote, press to increase the magnification level of the current photo. When magnification is greater than 100%, you can use the direction keys to pan around the photo. Continue pressing ZOOM to return to a normal 100% view.
REPEAT	Using the remote, press to repeat the current photo or all photos in the folder.
PROGRAM	Using the remote, press to change the slideshow transition effect.

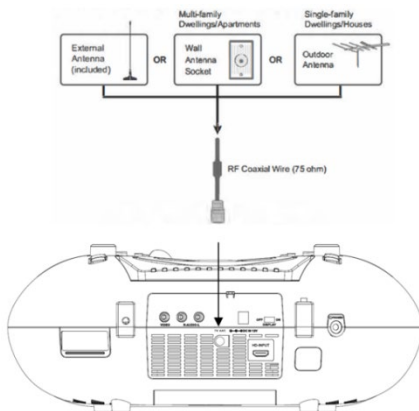
## TV mode

To set the active source mode to TV:

1. Set the Function switch to TV/DVD/BT/AUX/HD-IN.
2. Press the MODE/TV menu to change from DVD to TV mode. "ATSC" will be displayed on the LCD screen while TV mode is starting.

**Note:** You must connect an antenna to the TV ANT connector found on the back of the unit. The built-in telescopic rod antenna is not used by the TV tuner. An external antenna is included in the box.

## Connecting an External Antenna



Connect the included external antenna to receive TV signals. (The telescopic rod antenna cannot be used with the TV.)

You may also connect to a 75 ohm coaxial cable antenna line from a wall socket or outdoor antenna. Large antennas, powered antennas, and/or outdoor antennas will improve the TV signal.

### About antennas and channel reception

TV channel reception can be affected by several things, including:

- Distance between the unit and the broadcaster.
- Terrain and obstacles between the unit and broadcaster.
- Interference from other devices or the weather.

If you are having trouble receiving channels, you may need a larger antenna.

### Channel search

Search for available channels and add them to the channel list. You will need to add channels to the channel list before using the TV.

1. Press and hold **MODE/TV MENU** to access the TV menu. (The TV menu will automatically be display if this is the first time you are using the TV or if there are no channels in the channel list.)
2. Press **FWD/UP** or **REV/DOWN** to select **Search Menu**; press **PLAY/PAUSE/ENTER/PAIR** to enter.
3. Press **FWD/UP** or **REV/DOWN** to select **Country**; press **PREV/LEFT** or **NEXT/RIGHT** to change the location (e.g., USA)
4. Press **FWD/UP** or **REV/DOWN** to select **Auto Search**; press **PLAY/PAUSE/ENTER/PAIR** to enter.

**Note:** Perform a new channel search when you change the location of the unit.

### Watching TV

After you have searched for and added channels to the channel list, you can do the following while watching TV:

FWD/UP (CH+)	Press to tune the next channel in the channel list.
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REV/DOWN (CH-)	Press to tune to the previous channel in the channel list.
PLAY/PAUSE/ENTER/PAIR	Press to view the channel list. Press again to pick a channel to watch.
PROGRAM	View the electronic program guide.
Numeric Keypad (0-9)	Enter a channel number and then press ENTER to tune to a channel directly. To tune to a sub-channel, enter the entire channel number. For example, press "1" "3" "2" to tune to channel 13-2.
MODE/TV MENU	Press and hold to view the TV options menu.

## TV Options Menu

Adjust the options for the TV.

While in TV mode, press and hold MODE/TV MENU to access the TV options menu.

Use the direction keys to browse the menu screens and adjust the options (PREV/LEFT, NEXT/RIGHT, FWD/UP, REV/DOWN).

Press PLAY/PAUSE/ENTER/PAIR to confirm a highlighted selection.

Press and hold MODE/TV MENU to go back to the previous level on screen.

Noted: You may also use the arrow keys and the ENTER key on the remote control.

## Search Menu Options

Country	Set the location of the unit.
Auto Search	Automatically find TV signals within reception range and save them to the channel list. This will overwrite any previously saved channel list.
Manual Search	Manually find a TV channel.

### Config Menu Options

Software update	For use by qualified service personnel only.
Information	Display system diagnostic information.
Restore factory default	Return all of the TV options to their default settings.

## Bluetooth Mode

1. Set the Function switch to TV/DVD/BT/AUX/HD-IN.
2. Press MODE/TV MENU to change from DVD to BT MODE. The FM ST/PAIR indicator will light up blue.
3. Turn on the Bluetooth function on the device, scan the unit "EDL-2901" and connect, then input the password 0000 if required, the FM ST/ PAIR indicator will light a steady blue to indicate connection done.
4. Turn the Volume dial on the unit or adjust the volume on the external device to increase or decrease the music volume to your desired level.

Note: The Bluetooth works best within 10 meters in open air.

## AUX Mode

To set the active source mode to AUX input:

1. Set the Function switch to TV/DVD/BT/AUX/HD-IN.
2. Connect an audio player to the AUX IN jack on the unit with 3.5 mm AUX IN cable. (audio cable is not included)
3. Turn the Volume dial on the unit or adjust the volume on the external device to increase or decrease

the music volume to your desired level.

4. Control the playback with your audio device.

Note: AUX mode is for audio use only. When in AUX mode, the LCD screen will automatically turn off.

## USB/Card Mode

To set the active source mode to USB or card (SD):

1. Set the Function switch to TV/DVD/BT/AUX/HD-IN.
2. Press and hold STOP/USB/CARD to change from DVD to USB or card (SD). The LCD screen will display "Detecting Device" then show a list of files on your USB drive or SD card.

Note: A USB drive or SD card with present. If the unit cannot find a USB drive or SD card, it will return to DVD mode.

To change between USB, CARD, and DVD modes, press and hold STOP/USB/CARD.

This unit will play digital media files from USB or SD memory cards.

When a USB/SD card is loaded that contains files, the unit will read it and then list all of the files and folders on the LCD screen.

Use the direction buttons browse the file/folder list, press PLAY/PAUSE/ENTER/PAIR to select an item from the list.

If the item selected was a folder, the unit will display the contents of the folder.

If the item selected was a music, video, or photo file, the unit will start playback.

Playback controls for USB/Card mode are identical to those in DVD mode. Please refer to the following sections to learn more about the controls available to you during digital media playback:

- DVD Mode > Playing Digital Music/Video files
- DVD Mode > Playing Digital Photo Files

## HDMI Mode

1. Set the Function switch to TV/DVD/BT/AUX/HD-IN.
2. Press the MODE/TV MENU to select HDMI input function.
3. Connect a HDMI cable or HDMI device to the HD-INPUT JACK on the back of the unit for audio and video input.
4. Use the external device controls to play the audio tracks.

## Radio (AM/FM) Mode

To set the active source mode to Radio, set the Function switch to Radio.

Note: To optimize reception when listening to stations on the FM band, extend the telescopic antenna to its full length. To optimize reception for AM band stations, gently move the unit around, or position the unit in an open place.

### Tuning to a Radio station

1. Select the band.
  - Set the BAND switch to AM to tune to AM radio frequency.
  - Set the BAND switch to FM to tune to FM radio frequency.
2. Tune to a station by turning the TUNING dial.

Note: The FM ST/PAIR indicator will light red when the tuner is locked onto an FM stereo broadcast.

## Setup Menu

Access the setup menu to adjust the player options.

- The setup mode can only be accessed via remote control. Press TV MENU to access the Setup menu. (The "Preference Page" options will not be available unless the player is stopped completely.)
- Use the remote's directional keys to browse the menu screens and adjust the options (PREV/LEFT, NEXT/RIGHT, FWD/UP, REV/DOWN).
- Press PREV/LEFT to go back to the previous level or screen.
- Press the ENTER key on the remote control to confirm a highlighted selection.

## System Setup Page

TV System	NTSC: Select this mode if the unit is connect to an NTSC-format TV (used in America, Canada, etc). It will convert the video signal of a PAL disc and output in NTSC format. PAL: Select this mode if the unit is connect to a PAL-format TV (used in China, Hong Kong, Europe, etc). It will convert the video signal of an NTSC disc and output in PAL format. AUTO: Select this mode to have the system detect the video signal of the disc and match the video signal output format to it.
Power Resume	On During playback or in the paused/stopped mode when you open the disc tray, the unit will memorize the last playback time. The next time that you insert the same disc and close the disc tray to load the disc, the unit will play from the memorized point. Off: Disables this function.
Screen saver	On: If the image remains motionless on the screen for several minutes, (e.g., the disc is paused, stopped etc.) a screen saver will appear on the screen. Press any key to exit the screen saver. Off: Disables this function.
TV type	Normal/PS: Pan and scan. The wide-screen image will be displayed on the screen in its native aspect ratio with some part on the left and right cut off. Normal/LB: Letterbox. The wide screen image will be displayed in its native aspect ratio with black bands on the upper and lower sections of the screen. Wide: Widescreen (16:9). If the unit is connected to a widescreen TV set, select this option. The widescreen image will be displayed in full screen in its native aspect ratio while the 4:3 image will be stretched out horizontally to fit in the screen.
Default	Reset: Restore all options to factory default state.

## Language Setup page

OSD Language	On screen display language. Set the language of the on-screen display and system menus with this item.
Audio Lang	Select a preferred audio language. You can change the audio language by pressing the AUDIO key on the remote control. (If the selected language is not available for the disc, the disc's default setting will remain enabled.)
Subtitle Lang	Select a preferred subtitle language. You can change the subtitle by pressing the SUBTITLE Key on the remote control. (If the selected language is not available for the disc, the disc's default setting will remain enabled.)
Menu Lang	Select a preferred subtitle language. (If the selected language is not available for the disc, the disc's default setting will remain enabled.)

	remain enabled.)
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### Audio Setup Page

Downmix	Downmix > LT/RT: Rear surround audio is mixed together and output through both left and right speakers  Downmix > Stereo: Rear surround audio is kept in separate channels. Rear left audio is output through the left speaker; rear right audio is output through the right speaker.
Key	Shift the key (pitch) for karaoke discs (+4, +2, 0, -2, -4).

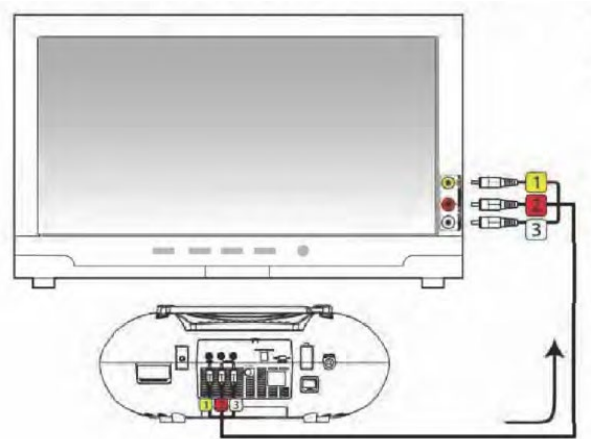
### Video Setup Page

Panel Quality	Apply image correction options in varying intensities. (Press PLAY/PAUSE/ENTER/PAIR or ENTER to apply the image correction.)  Brightness Contrast Hue Saturation Sharpness
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### Optional Connections

#### Connect to a TV(AV out)

Use your DVD boombox at home with a TV! The TV will need to be able to accept a composite video signal.



#### With the included AV cable

1. Connect the yellow plug of the cable to the yellow composite video input of the TV.
2. Connect the red plug of the cable to the red audio input (right) of the TV.
3. Connect the white plug of the cable to the white audio input (left) of the TV.

4. Connect the yellow, red, and white plugs on the other end of the cable to the A/V OUT jacks on the back of the unit (i.e., Composite video out (yellow) and Stereo audio out (red and white)).
5. Turn the TV and the unit on.
6. Set the TV to display the composite video source. You will see the unit's output on the screen when the source is set correctly.

## COMPACT DISC MAINTENANCE

### 1. Notes on handling discs

- Removing the disc from its storage case and loading it.
- Do not touch the reflective recorded surface.
- Do not stick paper or write anything on the surface.
- Do not bend the disc.

### 2. Storage

- Store the disc in its case.
- DO not expose discs to direct sunlight or high temperatures, high humidity or dusty places.

### 3. Cleaning a disc

- Should the disc become soiled, wipe off dust, dirt and fingerprints with a soft cloth.
- The disc should be cleaned from the center to the edge.



- Never use benzene, thinners, record cleaner fluid or anti-static spray.
- Be sure to close the CD door, so the lens is not contaminated by dust.
- Do not touch the lens.

## SPECIFICATIONS

### GENERAL

Power Source: DC IN 12V 2A

DC 12V 1.5V UM-2/C x 8pcs

Power consumption: 20 Watts

Power output: 2.5 Watts x 2

Screen Type : 9" TFT LCD, resolution: 800 x 480

Operation temperature: + 5°C - + 35° C

### RECEIVER SECTION

Frequency range: FM: 88 - 108 MHz

AM: 530-1710 KHz

Antenna: FM rod antenna

### OUTPUT

RCA composite video

RCA Stereo audio

3.5 mm headphone

### INPUT

Bluetooth

Coaxial RF (TV Antenna)

3.5 mm AUX audio

3.5 mm microphone

HDMI



**BLUETOOTH VERSION: 5.4**

**DISC SUPPORT: DVD, DVD±R/RW, CD, CD-R/RW**

**PLAYABLE MEDIA FORMATS:**

Video: MPEG-2 (DVD), MPEG-1

Audio: CD-audio, MP3, WMA, AC-3, OGG

Specifications are subject to change for continuous improvement, we reserve the rights to modification without prior notice.

## **FCC Notice:**

**NOTE:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**WARNING:** Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.